

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Raymond F. Cracauer
Serial No.: 10/054,023
Filed: 11/13/2001
Entitled: Nucleic Acid Synthesizers

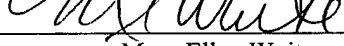
Group No.: 1743
Examiner: D. K. Handy

**AMENDMENT AND RESPONSE TO OFFICE ACTION
MAILED JULY 14, 2004**

Mail Stop Non Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Non-Fee Payment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 12/14/2004 By: 
Mary Ellen Waite

Sir:

The following communication is filed in conjunction with a Request for Continued Examination (RCE), and is responsive to the Office Action mailed July 14, 2004. A petition for two months extension of time, from October 14, 2004 to December 14, 2004, is included herewith.

In accordance with the procedure for Revised Amendment Practice under 37 C.F.R. 1.121, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 5 of this paper.